L33 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1995:878973 CAPLUS
DOCUMENT NUMBER: 123:286388
TITLE: Preparation of trifluoromethyl steroids as postcoital contraceptives
INVENTOR(S): Wang, Zhongqi; Ruan, Benfang
PATENT ASSIGNEE(S): Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 17 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1100729	A	19950329	CN 1993-112563	19930920
CN 1056929	B	20000830		

AB Title compds. I [R = H, Me; R1 = acetoxy, OH, CO2H, H; R2 = H, acetoxy, OH; R3 = H, OH; R4 = CF3, trifluorohydroxyalkyl; there may be double bonds in rings A or/and B] are prepd. Thus, 3.beta.-acetoxyandrost-5-en-17-one in THF contg. Me4NF was treated with CF3SiMe3 at room temp. for 3 h to give 83% 3.beta.-acetoxy-17.alpha.-(trifluoromethyl)androst-5-en-17.beta.-ol. In a study using 6-days female rats, 17.alpha.-(trifluoromethyl)estra-1,3,5(10)-triene-3,17.beta.-diol (also prepd.) at 10 mg/Kg p.o. effected bleeding the day following the administration.

IT **161225-97-4P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of fluoromethyl steroids as postcoital contraceptives)

RN 161225-97-4 CAPLUS
CN Ergostane-3,6,24-triol, 28,28,28-trifluoro-, (3.alpha.,5.beta.,6.alpha.,24.xi.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.